

COC# 154

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CHAIN OF CUSTODY REPORT

Work Order #: M107014

CLIENT: BRISTOL		INVOICE TO: BRISTOL		TURNAROUND REQUEST in Business Days* <div style="text-align: center;">Organic & Inorganic Analyses</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">7</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> <div style="text-align: center;">STD.</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> <div style="text-align: center;">STD.</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">OTHER</div> Please Specify _____																																																													
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090																																																															
ADDRESS: AMCHITKA ISLAND, AK		REQUESTED ANALYSES																																																															
PHONE: 907-770-0974 FAX: 770-0975																																																																	
PROJECT NAME: AMCHITKA		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">HCH</div>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">MATRIX (W, S, O)</th> <th style="width:10%;"># OF CONT.</th> <th style="width:45%;">COMMENTS</th> <th style="width:30%;">NCA WO ID</th> </tr> <tr><td>S</td><td>1</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>		MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID	S	1																																																						
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RELINQUISHED BY: Chris Marshall		DATE: 7/4/01		RECEIVED BY: Stephen Kilbur		DATE: 7/4/01																																																											
PRINT NAME:		FIRM: BRISTOL		PRINT NAME:		FIRM: NCA																																																											
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:																																																											
PRINT NAME:		TIME:		PRINT NAME:		TIME:																																																											
ADDITIONAL REMARKS: B6 WO - UST Soil Stockpile Sample																																																																	



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7 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 07/04/01 19:20. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M107014



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
07/11/01 08:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMB6U07SL	M107014-01	Soil	07/04/01 16:50	07/04/01 19:20

COC #154

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

1 of 4



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07/11/01 08:52

Hydrocarbon Identification per NW-TPH Methodology
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMB6U07SL (M107014-01) Soil						Sampled: 07/04/01 Received: 07/04/01			
Gasoline Range Hydrocarbons	ND	19.9	mg/kg	1	NWTPH HCID	07/10/01	07/10/01	0107038	
Diesel Range Hydrocarbons	742	49.8	"	"	"	"	"	"	D-16
Heavy Oil Range Hydrocarbons	ND	99.5	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>102 %</i>	<i>50-150</i>							

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Project: Amchitka
Project Number: 21090
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Reported:
07/11/01 08:52

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0107038 - TPH-HCID (WA)

Blank (0107038-BLK1)

Prepared & Analyzed: 07/10/01

Gasoline Range Hydrocarbons	ND	20.0	mg/kg						
Diesel Range Hydrocarbons	ND	50.0	"						
Heavy Oil Range Hydrocarbons	ND	100	"						A-01
Surr: 1-Chlorooctadecane	5.47		"	5.00		109	50-150		

North Creek Analytical - Mobile Lab

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07/11/01 08:52

Notes and Definitions

A-01 Ending CCV for RRO failed AK criteria of +/- 25%. All RRO data is basis low.

D-16 Detected hydrocarbons in the diesel do not have a distinct diesel pattern and may be due to heavily weathered diesel.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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North Creek Analytical, Inc.
Environmental Laboratory Network

4 of 4

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M107014 FINAL 07 11 01 0852.mdb Default Report (not modified)
0107038-BLK1	NW-HCID mod	Heavy Oil Range Hydrocarbons	A-01
M107014-01	NW-HCID mod	Diesel Range Hydrocarbons	D-16